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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/206,786

DATE: 05/09/2000
TIME: 16:01:37

Input Set : A:\8666007
Output Set: N:\CRF3\05092000\I206786.raw

3 (1) GENERAL INFORMATION:
5 (i) APPLICANT: Korngold, Robert
6 Huang, Ziwei
8 (ii) TITLE OF INVENTION: CD4-DERIVED PEPTIDES THAT INHIBIT IMMUNE
9 RESPONSES
11 (iii) NUMBER OF SEQUENCES: 63
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: PENNIE & EDMONDS LLP
15 (B) STREET: 1155 Avenue of the Americas
16 (C) CITY: New York
17 (D) STATE: New York
18 (E) COUNTRY: United States
19 (F) ZIP: 10036-2711
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
C--> 27 (vi) CURRENT APPLICATION DATA:
C--> 28 (A) APPLICATION NUMBER: US/09/206,786
C--> 29 (B) FILING DATE: 07-Dec-1998
30 (C) CLASSIFICATION:
32 (viii) ATTORNEY/AGENT INFORMATION:
33 (A) NAME: Friebel, Thomas E.
34 (B) REGISTRATION NUMBER: 29,258
35 (C) REFERENCE/DOCKET NUMBER: 8666-007
37 (ix) TELECOMMUNICATION INFORMATION:
38 (A) TELEPHONE: (212) 790-9090
39 (B) TELEFAX: (212) 869-8864/9741
40 (C) TELEX: 66141 PENNIE
43 (2) INFORMATION FOR SEQ ID NO: 1:
45 (i) SEQUENCE CHARACTERISTICS:
46 (A) LENGTH: 5 amino acids
47 (B) TYPE: amino acid
48 (C) STRANDEDNESS:
49 (D) TOPOLOGY: unknown
51 (i) MOLECULE TYPE: peptide
56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
58 Asn Ser Asn Gln Ile
59 1 5
61 (2) INFORMATION FOR SEQ ID NO: 2:
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 6 amino acids
65 (B) TYPE: amino acid
66 (C) STRANDEDNESS:
67 (D) TOPOLOGY: unknown
69 (ii) MOLECULE TYPE: peptide

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74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
76 Lys Asn Ser Asn Gln Ile
77 1 5
79 (2) INFORMATION FOR SEQ ID NO: 3:
81 (i) SEQUENCE CHARACTERISTICS:
82 (A) LENGTH: 8 amino acids
83 (B) TYPE: amino acid
84 (C) STRANDEDNESS:
85 (D) TOPOLOGY: unknown
87 (ii) MOLECULE TYPE: peptide
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
93 Lys Asn Ser Asn Gln Leu Ile Lys
94 1 5
96 (2) INFORMATION FOR SEQ ID NO: 4:
98 (i) SEQUENCE CHARACTERISTICS:
99 (A) LENGTH: 7 amino acids
100 (B) TYPE: amino acid
101 (C) STRANDEDNESS:
102 (D) TOPOLOGY: unknown
104 (iii) MOLECULE TYPE: peptide
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
111 Lys Asn Ser Asn Gln Ile Lys
112 1 5
114 (2) INFORMATION FOR SEQ ID NO: 5:
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 7 amino acids
118 (B) TYPE: amino acid
119 (C) STRANDEDNESS:
120 (D) TOPOLOGY: unknown
122 (iii) MOLECULE TYPE: peptide
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
129 Lys Leu Glu Asn Lys Glu Ala
130 1 5
132 (2) INFORMATION FOR SEQ ID NO: 6:
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 8 amino acids
136 (B) TYPE: amino acid
137 (C) STRANDEDNESS:
138 (D) TOPOLOGY: unknown
140 (iii) MOLECULE TYPE: peptide
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
147 Leu Ser Asp Ser Gly Gln Val Leu
148 1 5
150 (2) INFORMATION FOR SEQ ID NO: 7:
152 (i) SEQUENCE CHARACTERISTICS:
153 (A) LENGTH: 4 amino acids
154 (B) TYPE: amino acid
155 (C) STRANDEDNESS:
156 (D) TOPOLOGY: unknown

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158 (ii) MOLECULE TYPE: peptide
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
165 Asn Gln Leu Ile
166 1
168 (2) INFORMATION FOR SEQ ID NO: 8:
170 (i) SEQUENCE CHARACTERISTICS:
171 (A) LENGTH: 5 amino acids
172 (B) TYPE: amino acid
173 (C) STRANDEDNESS:
174 (D) TOPOLOGY: unknown
176 (ii) MOLECULE TYPE: peptide
181 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
183 --Asn-Gln-Leu-Ile-Lys--
184 1 5
186 (2) INFORMATION FOR SEQ ID NO: 9:
188 (i) SEQUENCE CHARACTERISTICS:
189 (A) LENGTH: 4 amino acids
190 (B) TYPE: amino acid
191 (C) STRANDEDNESS:
192 (D) TOPOLOGY: unknown
194 (ii) MOLECULE TYPE: peptide
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
201 Asn Gln Ile Lys
202 1
204 (2) INFORMATION FOR SEQ ID NO: 10:
206 (i) SEQUENCE CHARACTERISTICS:
207 (A) LENGTH: 4 amino acids
208 (B) TYPE: amino acid
209 (C) STRANDEDNESS:
210 (D) TOPOLOGY: unknown
212 (ii) MOLECULE TYPE: peptide
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
219 Ser Asn Gln Leu
220 1
222 (2) INFORMATION FOR SEQ ID NO: 11:
224 (i) SEQUENCE CHARACTERISTICS:
225 (A) LENGTH: 5 amino acids
226 (B) TYPE: amino acid
227 (C) STRANDEDNESS:
228 (D) TOPOLOGY: unknown
230 (ii) MOLECULE TYPE: peptide
235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
237 Ser Asn Gln Leu Ile
238 1 5
240 (2) INFORMATION FOR SEQ ID NO: 12:
242 (i) SEQUENCE CHARACTERISTICS:
243 (A) LENGTH: 6 amino acids
244 (B) TYPE: amino acid
245 (C) STRANDEDNESS:

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246 (D) TOPOLOGY: unknown
248 (ii) MOLECULE TYPE: peptide
253 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
255 Ser Asn Gln Leu Ile Lys
256 1 5
258 (2) INFORMATION FOR SEQ ID NO: 13:
260 (i) SEQUENCE CHARACTERISTICS:
261 (A) LENGTH: 4 amino acids
262 (B) TYPE: amino acid
263 (C) STRANDEDNESS:
264 (D) TOPOLOGY: unknown
266 (ii) MOLECULE TYPE: peptide
271 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
273 Ser Asn Gln Ile
274 1
276 (2) INFORMATION FOR SEQ ID NO: 14:
278 (i) SEQUENCE CHARACTERISTICS:
279 (A) LENGTH: 5 amino acids
280 (B) TYPE: amino acid
281 (C) STRANDEDNESS:
282 (D) TOPOLOGY: unknown
284 (ii) MOLECULE TYPE: peptide
289 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
291 Ser Asn Gln Ile Lys
292 1 5
294 (2) INFORMATION FOR SEQ ID NO: 15:
296 (i) SEQUENCE CHARACTERISTICS:
297 (A) LENGTH: 4 amino acids
298 (B) TYPE: amino acid
299 (C) STRANDEDNESS:
300 (D) TOPOLOGY: unknown
302 (ii) MOLECULE TYPE: peptide
307 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
309 Asn Ser Asn Gln
310 1
312 (2) INFORMATION FOR SEQ ID NO: 16:
314 (i) SEQUENCE CHARACTERISTICS:
315 (A) LENGTH: 5 amino acids
316 (B) TYPE: amino acid
317 (C) STRANDEDNESS:
318 (D) TOPOLOGY: unknown
320 (ii) MOLECULE TYPE: peptide
325 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
327 Asn Ser Asn Gln Leu
328 1 5
330 (2) INFORMATION FOR SEQ ID NO: 17:
332 (i) SEQUENCE CHARACTERISTICS:
333 (A) LENGTH: 6 amino acids
334 (B) TYPE: amino acid

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335 (C) STRANDEDNESS:
336 (D) TOPOLOGY: unknown
338 (ii) MOLECULE TYPE: peptide
343 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
345 Asn Ser Asn Gln Leu Ile
346 1 5
348 (2) INFORMATION FOR SEQ ID NO: 18:
350 (i) SEQUENCE CHARACTERISTICS:
351 (A) LENGTH: 7 amino acids
352 (B) TYPE: amino acid
353 (C) STRANDEDNESS:
354 (D) TOPOLOGY: unknown
356 (ii) MOLECULE TYPE: peptide
361 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
363 Asn Ser Asn Gln Leu Ile Lys
364 1 5
366 (2) INFORMATION FOR SEQ ID NO: 19:
368 (i) SEQUENCE CHARACTERISTICS:
369 (A) LENGTH: 6 amino acids
370 (B) TYPE: amino acid
371 (C) STRANDEDNESS:
372 (D) TOPOLOGY: unknown
374 (ii) MOLECULE TYPE: peptide
379 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
381 Asn Ser Asn Gln Ile Lys
382 1 5
384 (2) INFORMATION FOR SEQ ID NO: 20:
386 (i) SEQUENCE CHARACTERISTICS:
387 (A) LENGTH: 4 amino acids
388 (B) TYPE: amino acid
389 (C) STRANDEDNESS:
390 (D) TOPOLOGY: unknown
392 (ii) MOLECULE TYPE: peptide
397 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
399 Lys Asn Ser Asn
400 1
402 (2) INFORMATION FOR SEQ ID NO: 21:
404 (i) SEQUENCE CHARACTERISTICS:
405 (A) LENGTH: 5 amino acids
406 (B) TYPE: amino acid
407 (C) STRANDEDNESS:
408 (D) TOPOLOGY: unknown
410 (ii) MOLECULE TYPE: peptide
415 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
417 Lys Asn Ser Asn Gln
418 1 5
420 (2) INFORMATION FOR SEQ ID NO: 22:
422 (i) SEQUENCE CHARACTERISTICS:
423 (A) LENGTH: 6 amino acids

VERIFICATION SUMMARY
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